

Recording media

Hard Disk Drive (Built-in 250GB)
 DVD+R/DVD+RW/DVD+R DL disc
 DVD-R/DVD-RW disc
 CD-R/CD-RW disc

Playable media

Hard Disk Drive (Built-in 250GB)
 DVD+R/DVD+RW/DVD+R DL disc
 DVD-R/DVD-RW disc
 CD-R/CD-RW disc
 DVD-Video disc
 SVCD/VCD disc
 DivX / MPEG4 video disc
 Audio CD
 MP3/WMA/WAV music disc
 JPEG/BMP photo disc

Recording mode:

Media	Mode	Rec. time	PAL
HDD (250GB)	HQ	52 hours	720x576
	SP	104 hours	720x576
	LP	156 hours	352x576
	EP	208 hours	352x576
	SLP	312 hours	352x288
	Just Fit	Variable	-----
DVD (4.7GB)	HQ	1 hour	720x576
	SP	2 hours	720x576
	LP	3 hours	352x576
	EP	4 hours	352x576
	SLP	6 hours	352x288
	Just Fit	Variable	-----
CD (700MB)	SVCD	34 mins	480x576
	VCD	68 mins	352x288
	CD-DA	70 mins	-----

TV system

Playback / recording PAL
 Internal tuner PAL-B/G, PAL-I/I ,
 or SECAM-L
 TV sound NICAM

Video recording format

MPEG 2 : HQ/SP/LP/EP mode , SVCD
 MPEG 1 : SLP mode , VCD

Video performance

DA Converter 10-bit / 27MHZ

Audio recording format

DVD+VR (HQ/SP/LP/EP/SLP mode) : Dolby Digital 2-channel
 SVCD/VCD : MPEG1 Layer2
 CD-DA : PCM

Audio performance

DA Converter 24-bit / 96KHZ

Audio playback format

MP3
 WMA
 WAV
 LPCM
 Dolby Digital 2-channel
 Dolby Digital 5.1 channel (digital out only)
 DTS (digital out only)

Front connections

Video in Cinch (yellow)
 Audio L/R in Cinch (white/red)
 S-Video in Hosiden 4-pin
 DV in IEEE -1394 4-pin

Rear connections

Video out Cinch (yellow)
 Audio L/R out Cinch (white/red)
 SCART out CVBS/S-Video/RGB out
 SCART in CVBS/RGB in, Decoder
 Component video out Cinch (green/blue/red)
 (Y/Pb/Pr , 576p out)
 Digital audio out Coaxial / Optical
 RF in Coaxial
 RF out Coaxial

Functionality

Easy Guider 2™ on-screen menu
 Contents (File browser)
 2-Way copy (HDD to DVD , DVD to HDD)
 Channel editing (Move up/down, Insert, Swap, Rename ,
 Channel Turn on/off)
 Disc tools(Erase / Finalize / Clean up HDD / Defragment HDD)
 DVD title browsing with thumbnails
 DV control

Recording features

One touch record (OTR) (30-minute interval , 30-360 mins)
 *Variable by recording mode
 Automatic / Manual chapter marker insertion
 Time Shift (Pause Live TV)
 Record and Play (Playback recording content)
 Just fit (auto adjust recording quality to fit disc/HDD space)

Timer recording features

Number of programs 16 programs
 Record control PDC / VPS
 Timer programming Manual / ShowView
 (VIDEO Plus+)

Video editing features

Title editing(Rename, Erase, Protect, Overwrite, Split, Merge)
 Chapter editing (Insert, Remove, Hide / Un-hide chapter)
 Change Thumbnail

DVD playback

Next / Previous (Chapter)
 Pause / Step forward
 Fast forward / Reverse (2x , 4x , 8x , 16x)
 Repeat (repeat one / off)
 Zoom
 Slow motion
 Search (Chapter or Title / Time)
 A-B repeat
 Subtitle / Audio / Angle

VCD/SVCD playback

Pause / Step forward
 Fast forward / Reverse
 Slow motion
 Search (track / time)
 A-B repeat

DivX / MPEG4 video playback

Next / Previous
 Fast forward / Reverse
 Repeat
 Subtitle support (English)

VOB/MPG/DAT playback

Pause / Step forward
 Fast forward / Reverse (2x , 4x , 8x , 16x)
 Repeat (repeat one / repeat all / shuffle mode / repeat off)
 Zoom
 Search (File / Time)
 A-B repeat
 Slow motion (1/2x , 1/4x , -1/2x , -1/4x) *VOB file only

Audio CD playback

Pause
 Next / Previous (Track)
 Fast forward / Reverse (2x , 4x , 8x , 16x)
 Repeat (repeat one / repeat all / shuffle mode / repeat off)
 Search (Track / Time)
 A-B repeat

MP3/WMA/WAV playback

Pause
 Next / Previous
 Fast forward / Reverse
 Repeat (repeat one / repeat all / shuffle mode / repeat off)
 Search (File / Time)
 A-B repeat

JPEG/BMP playback

Next / Previous
 Slide show
 Repeat (repeat all / shuffle mode / repeat off)
 File search
 Picture control (Zoom / Rotate / Fit Screen / Full size)
 Album and picture selection

OSD language

Standard : English, German, French, Italian, Spanish, Dutch.
 Optional : Traditional Chinese, Simplified Chinese, Danish,
 Polish, Swedish, Finnish.

General

Power Supply AC 100-240V 50/60Hz
 Power Consumption Operation :Approx. 50W
 Operating Temperature +5°C to +40°C
 (+36°F to +104°F)
 Operating Humidity 5% to 80% RH
 Dimensions (W / H / D) 430 x 66 x 316 mm
 Net Weight: Approx. 4.5 kg

Notes:

- 1.The specifications and design of this product are subject to change(s) without notice.
2. It is not possible to copy a tape or disc with copy-protected signal.
- 3.ShowView and VIDEO Plus+ are registered trademarks of Gemstar Development Corporation.
4. Easy Guider2™ is a registered trademark of Lite-On IT Corp.
5. Dolby Digital and the double-D symbol are trademarks of Dolby Laboratories Licensing, Inc.
6. DTS is a trademark of Digital Theater Systems, Inc.
7. DivX is a registered trademark of DivX, Inc..

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